

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT
(Use several sheets if necessary)

Date Submitted to PTO: April 19, 2002

APR 19 2002

ATTY DOCKET NO.
2001-1339ASERIAL NO.
09/937,300APPLICANT
Hiroyuki TOKUNAGA et al.FILING DATE
December 6, 2001GROUP
1743RECEIVED
APR 18 2002

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
an	AA	5,650,062	7/1997	Ikeda et al.	205	778	
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
an	AJ	0732406	9/1996	EP	—	—		
	AK							
	AL							

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

an	AM	Patent Abstracts of Japan, vol. 013, no. 169 (C-587), April 21, 1989 & JP 63 317097 A (MATSUSHITA ELECTRIC IND CO LTD), December 26, 1988.
an	AN	Patent Abstracts of Japan, vol. 014, no. 245 (P-1052), May 24, 1990 & JP 02 062952 A (MATSUSHITA ELECTRIC IND CO LTD), March 2, 1990.
an	AO	Patent Abstracts of Japan, vol. 013, no. 382 (P-923), August 24, 1989 & JP 01 134246 A (MATSUSHITA ELECTRIC IND CO LTD), May 26, 1989.
an	AP	Patent Abstracts of Japan, vol. 012, no. 399 (P-775), October 24, 1988 & JP 63 139245 A (MATSUSHITA ELECTRIC IND CO LTD), June 11, 1988.

EXAMINER

alb Hagerah

DATE CONSIDERED

12/15/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

Date Submitted to PTO: September 25, 2001

ATTY DOCKET NO.
2001-1339ASERIAL NO.
NEWAPPLICANT
Hiroyuki TOKUNAGA et al.FILING DATE
September 25, 2001

GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IS APPROPRIATE
CU	AA	5,264,103	11/23/93	Toshioka et al.	265	778	
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
CU	AJ	735363	10/1996	EP	G01N	27/327		
CU	AK	05-196596	08/1993	JP	G01N	27/327		
	AL							
	AM							
	AN							

OTHER DOCUMENT(S) (including Author, Title, Date, Pertinent Pages, Etc.)

	AO	
	AP	
	AQ	

EXAMINER

CU, Nagasawa

DATE CONSIDERED

5/26/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 602. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.